

TRUCKEE RIVER BASIN, TRUCKEE RIVER BASIN

10347600 HUNTER CREEK NEAR RENO, NV

LOCATION (REVISED).--Lat 39°29'27.3", long 119°53'58.77" referenced to North American Datum of 1983, in SW 1/4 SW 1/4 sec. 14, T.19 N., R.19 E., Washoe County, Hydrologic Unit 16050102, on left bank, 0.6 mi upstream from mouth, and 5 mi southwest of Reno.

DRAINAGE AREA.--11.5 mi².

PERIOD OF RECORD.--October 1961 to September 1971, October 1977 to September 1981, October 2002 to current year.

GAGE.--Water-stage recorder. Elevation of gage is 5,000 ft above National Geodetic Vertical Datum of 1929, from topographic map. Prior to October 2002, at site 300 ft upstream at different datum.

REMARKS.--Records fair. Present gage location is downstream of Streamboat Ditch and diversion to Hunter Creek Reservoir. See schematic diagram of [Truckee River Basin, Truckee River Basin and Pyramid-Winnemucca Lakes](#).EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 986 ft³/s, January 31, 1963, gage height, 6.93 ft, from floodmarks, from rating curve extended above 54 ft³/s, on basis of slope area measurement of peak flow; minimum daily, 1.5 ft³/s, March 4, 2004.EXTREMES FOR CURRENT YEAR.--Maximum discharge, 94 ft³/s, April 27, gage height, 9.31 ft; minimum daily discharge, 1.5 ft³/s, March 4.

DISCHARGE, CUBIC FEET PER SECOND
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	5.5	2.8	2.8	3.4	2.3	1.7	5.6	7.9	6.1	3.8	2.9	3.0
2	5.8	2.6	2.7	3.6	2.0	1.8	4.8	9.6	5.9	4.0	2.8	3.0
3	4.7	3.5	2.6	e5.0	2.0	1.6	4.9	7.2	5.7	3.8	3.0	3.1
4	3.1	2.9	2.5	e5.0	2.0	1.5	5.5	7.9	5.8	3.4	3.0	3.2
5	2.9	3.9	3.4	4.4	e3.0	1.7	6.1	8.2	5.5	3.2	3.0	3.2
6	2.8	3.6	4.9	4.8	e3.0	2.7	6.1	8.4	5.3	3.2	3.0	3.1
7	2.7	3.9	5.3	3.6	2.1	2.3	5.9	8.6	5.3	3.3	2.9	3.0
8	2.5	3.9	3.6	3.3	e3.0	2.9	6.2	8.8	5.4	3.3	2.8	2.9
9	2.4	4.0	4.0	3.0	2.5	3.2	6.6	9.2	6.1	3.3	2.8	2.9
10	2.6	3.8	4.6	2.8	e3.0	3.1	6.8	9.4	5.8	3.3	2.8	2.9
11	2.6	3.4	4.3	2.8	e3.0	2.5	6.8	9.7	5.2	3.2	3.0	2.9
12	2.6	3.7	4.3	2.7	e3.0	2.5	7.2	9.3	5.0	3.2	3.3	2.9
13	2.7	3.6	4.7	2.6	e3.0	2.3	7.4	8.8	4.9	3.2	3.5	2.8
14	2.7	3.4	4.5	2.5	2.1	3.1	6.7	8.9	4.8	3.1	3.6	2.9
15	2.6	3.4	2.8	2.6	2.2	3.5	6.3	8.5	4.7	3.0	3.7	2.9
16	2.8	3.1	4.4	2.6	4.4	3.3	6.1	8.5	4.7	2.9	3.9	2.6
17	2.6	3.2	4.7	2.6	4.4	4.2	6.0	8.1	4.9	2.9	3.7	2.5
18	2.2	3.1	4.2	2.7	3.4	5.4	5.5	8.0	4.7	3.0	3.4	2.6
19	2.3	3.2	4.2	2.6	2.8	5.5	5.3	8.2	4.3	3.0	3.2	2.8
20	2.3	3.3	4.4	2.8	2.4	5.5	5.1	8.1	4.1	3.0	3.3	3.2
21	2.3	3.2	4.3	2.3	2.3	6.3	5.0	8.1	4.1	3.0	3.2	3.1
22	2.2	1.6	4.0	e3.0	2.2	7.0	4.9	7.6	4.0	3.1	3.3	3.0
23	2.2	1.7	4.2	e3.0	2.1	7.2	5.0	7.4	3.8	3.2	3.4	3.0
24	2.2	3.3	6.1	2.2	1.9	6.6	5.7	7.1	3.7	3.3	3.4	3.7
25	2.2	3.9	5.2	1.9	3.4	5.7	6.5	6.8	4.0	3.3	3.2	3.1
26	2.2	2.7	3.0	e3.0	3.5	5.0	7.2	6.5	5.6	3.1	3.3	3.0
27	2.1	3.0	6.4	2.2	2.1	4.6	37	6.7	4.9	2.9	3.3	3.1
28	2.1	2.9	3.7	2.0	1.9	4.4	70	7.1	4.4	2.9	3.2	3.1
29	2.5	3.1	5.3	2.0	1.7	4.8	13	6.7	4.1	2.8	3.1	2.9
30	3.0	2.9	4.4	2.1	---	5.3	4.9	6.3	3.9	2.9	3.1	2.2
31	3.6	---	3.4	1.9	---	6.0	---	e6.3	---	2.9	3.1	---
TOTAL	87.0	96.6	128.9	91.0	76.7	123.2	280.1	247.9	146.7	98.5	99.2	88.6
MEAN	2.81	3.22	4.16	2.94	2.64	3.97	9.34	8.00	4.89	3.18	3.20	2.95
MAX	5.8	4.0	6.4	5.0	4.4	7.2	70	9.7	6.1	4.0	3.9	3.7
MIN	2.1	1.6	2.5	1.9	1.7	1.5	4.8	6.3	3.7	2.8	2.8	2.2
AC-FT	173	192	256	180	152	244	556	492	291	195	197	176

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1962 - 2004, BY WATER YEAR (WY)

MEAN	5.30	5.34	5.47	6.33	6.03	5.86	8.74	19.9	22.9	12.3	6.86	5.61
MAX	7.40	7.57	12.1	12.7	14.1	8.68	15.6	43.6	46.7	27.9	11.2	7.96
(WY)	(1968)	(1964)	(1965)	(1963)	(1963)	(1967)	(1965)	(1969)	(1967)	(1967)	(1965)	(1965)
MIN	2.81	3.22	3.07	2.94	2.64	3.53	3.85	8.00	4.89	3.18	2.75	2.41
(WY)	(2004)	(2004)	(1962)	(2004)	(2004)	(2003)	(2003)	(2004)	(2004)	(2004)	(1981)	(1981)

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SUMMARY STATISTICS	FOR 2003 CALENDAR YEAR	FOR 2004 WATER YEAR	WATER YEARS 1962 - 2004
ANNUAL TOTAL	1,872.6	1,564.4	
ANNUAL MEAN	5.13	4.27	9.23
HIGHEST ANNUAL MEAN			14.5
LOWEST ANNUAL MEAN			4.27
HIGHEST DAILY MEAN	30	May 30	230
LOWEST DAILY MEAN	1.6	Nov 22	1.5
ANNUAL SEVEN-DAY MINIMUM	2.2	Oct 22	1.7
MAXIMUM PEAK FLOW		94	Apr 27
MAXIMUM PEAK STAGE		9.31	Apr 27
ANNUAL RUNOFF (AC-FT)	3,710	3,100	6,690
10 PERCENT EXCEEDS	6.7	6.7	19
50 PERCENT EXCEEDS	4.0	3.3	6.2
90 PERCENT EXCEEDS	2.9	2.3	3.8

e Estimated